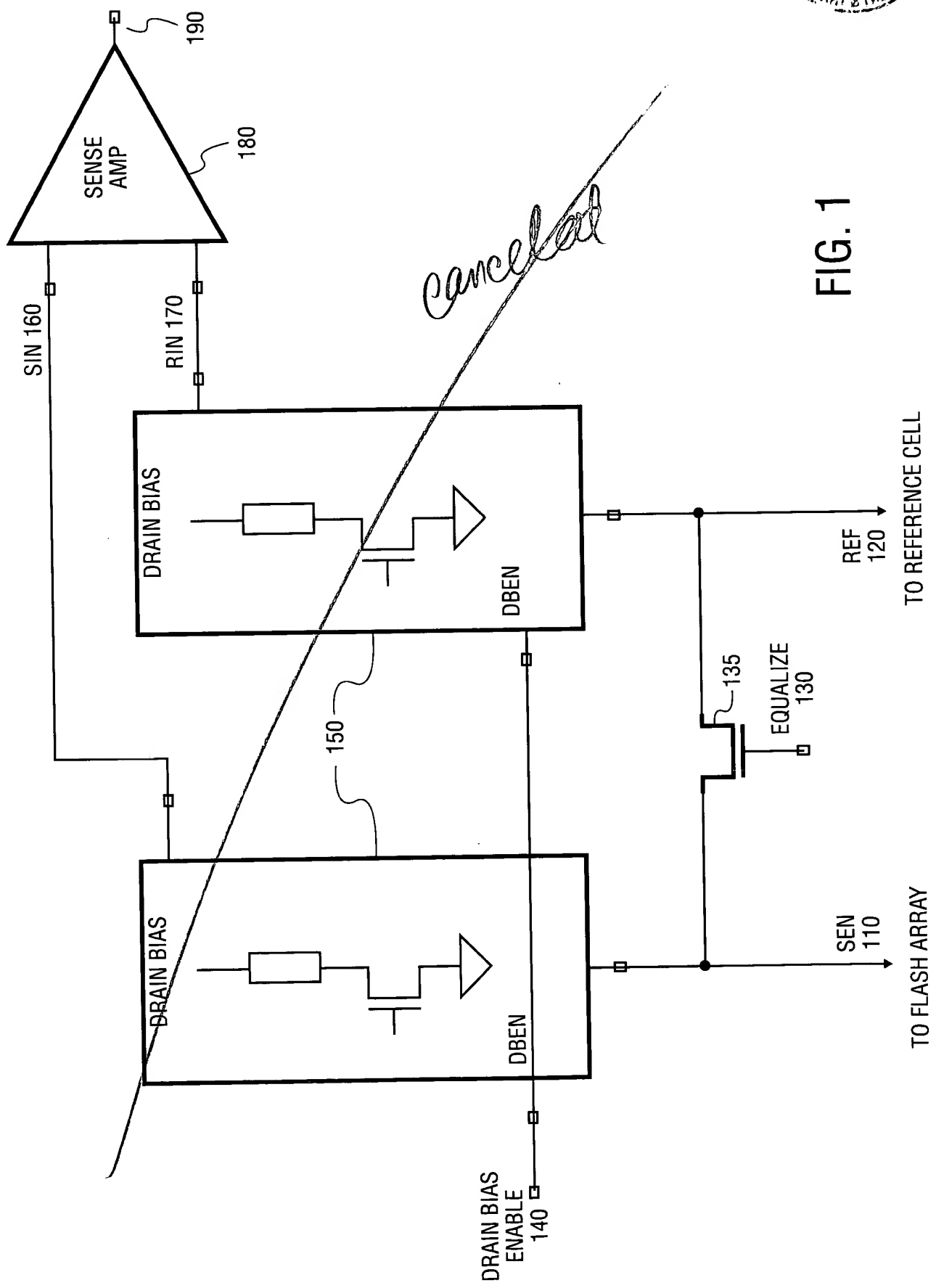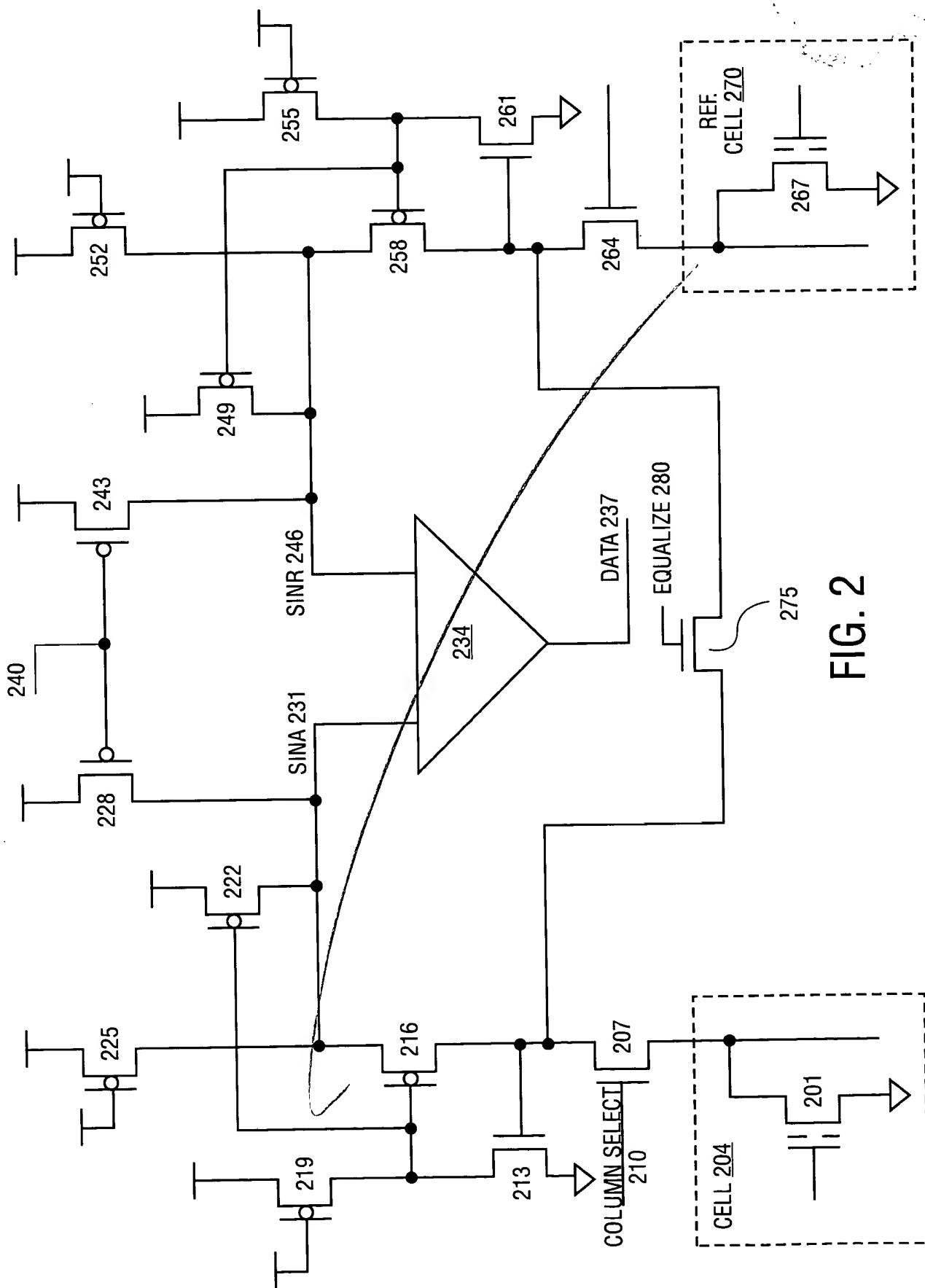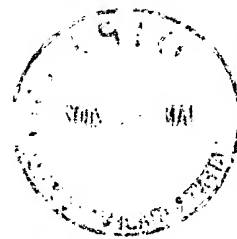FIG. 1

FIG. 2

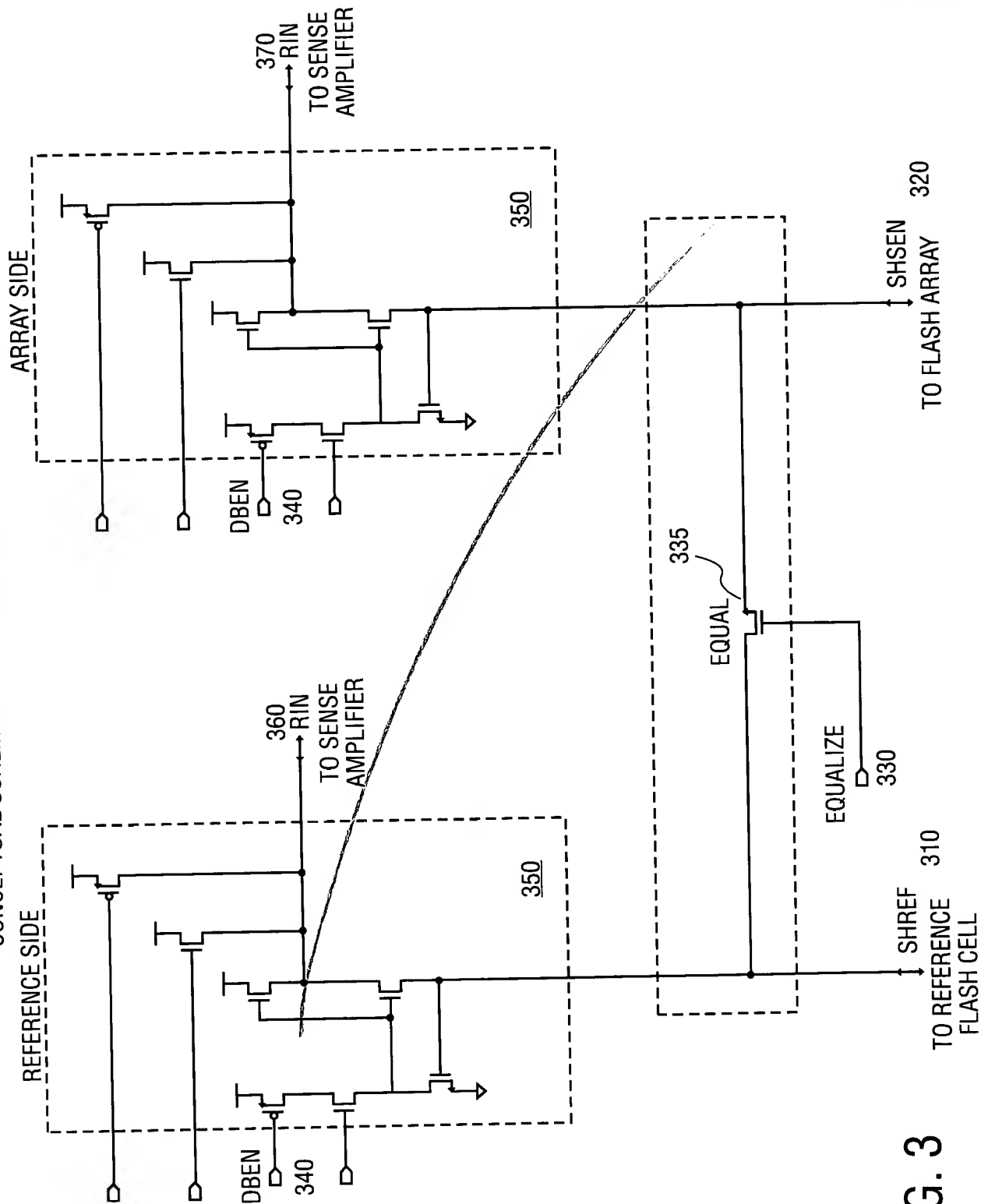CONCEPTUAL SCHEMATIC OF DRAIN BIAS & EQUALIZATION



FIG. 3

READ 'ONE' W/O EQ.
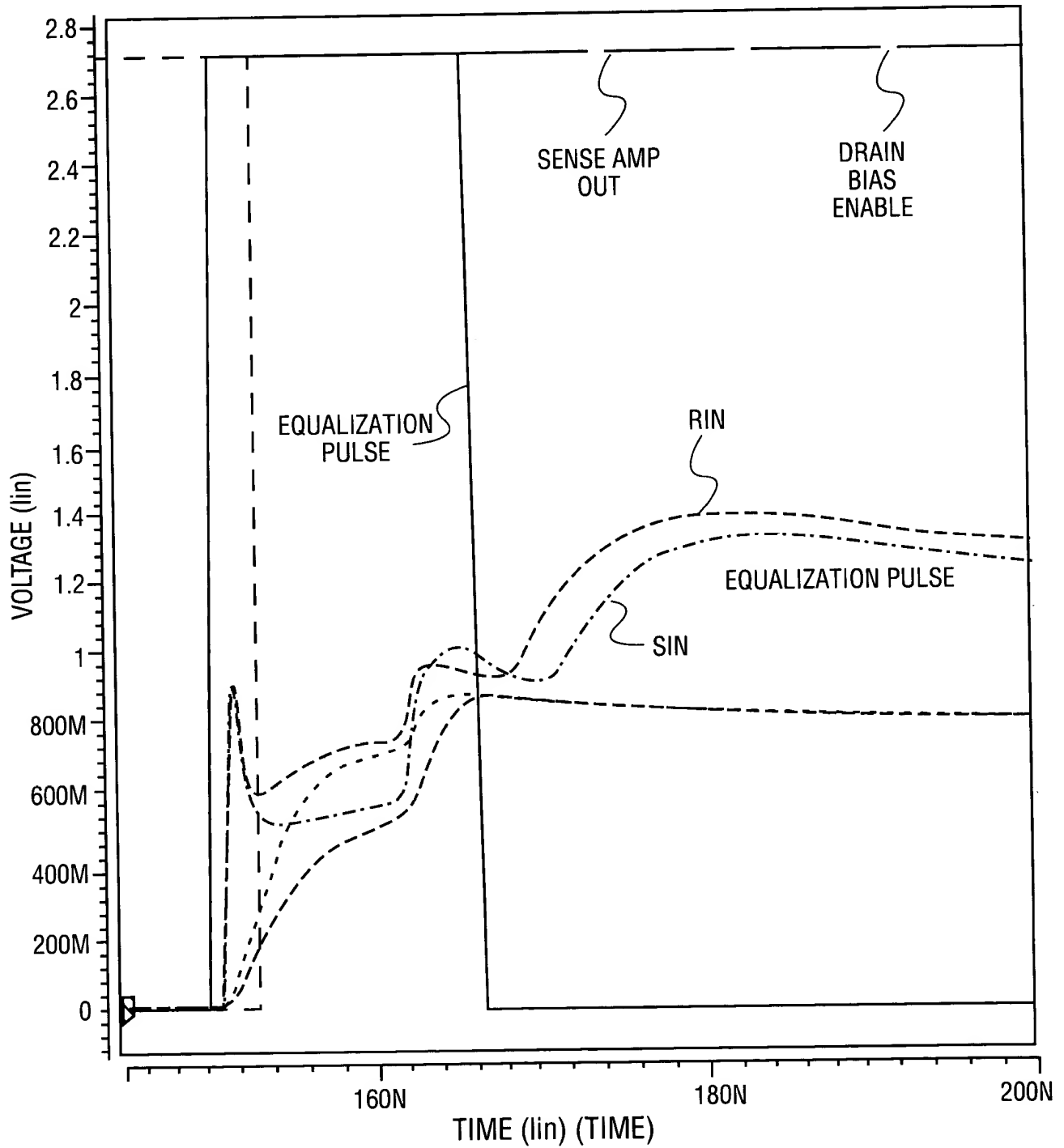


FIG. 4A

READ 'ONE' WITH EQ



FIG. 4B

READ 'ZERO' WITH EQ
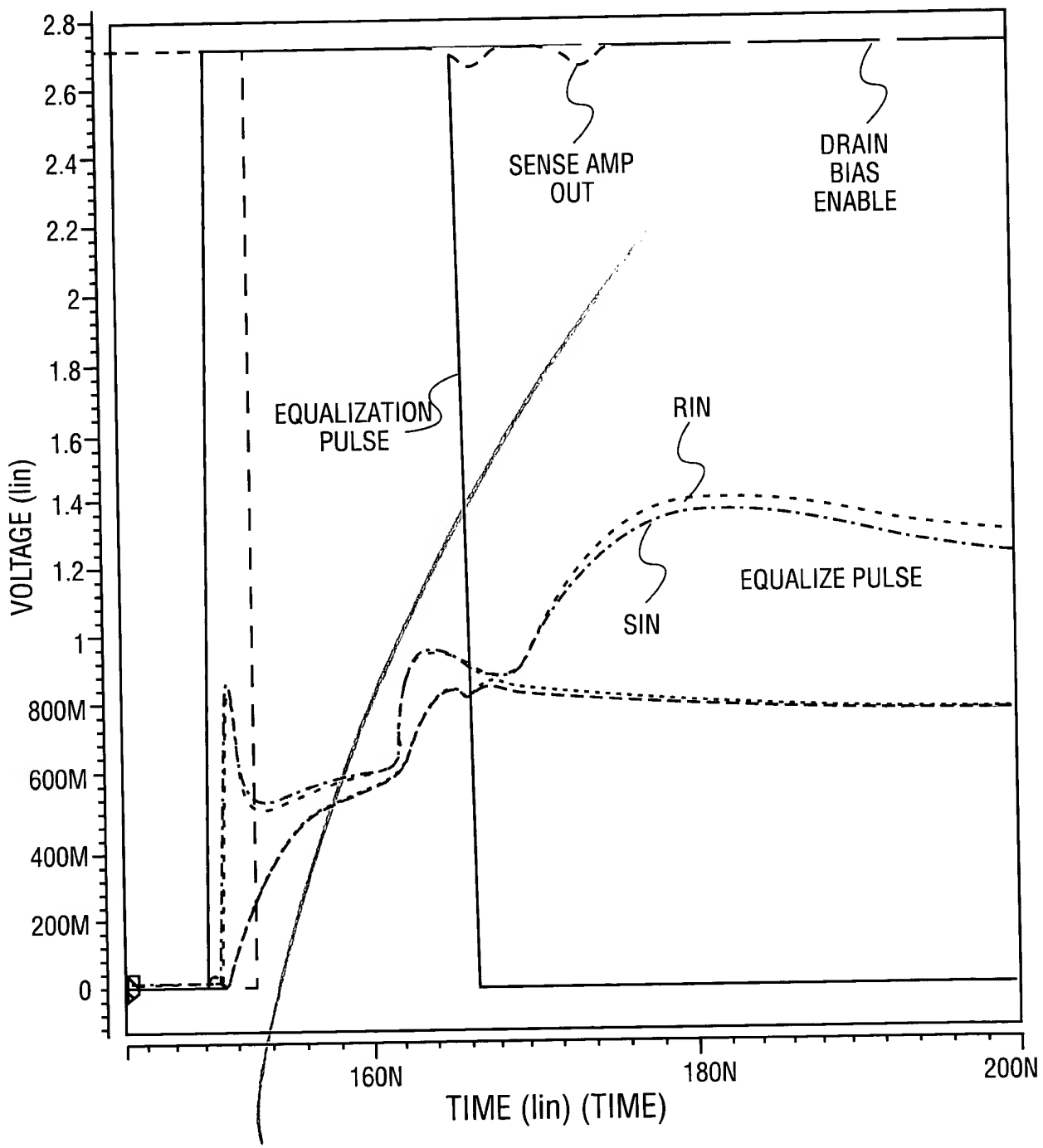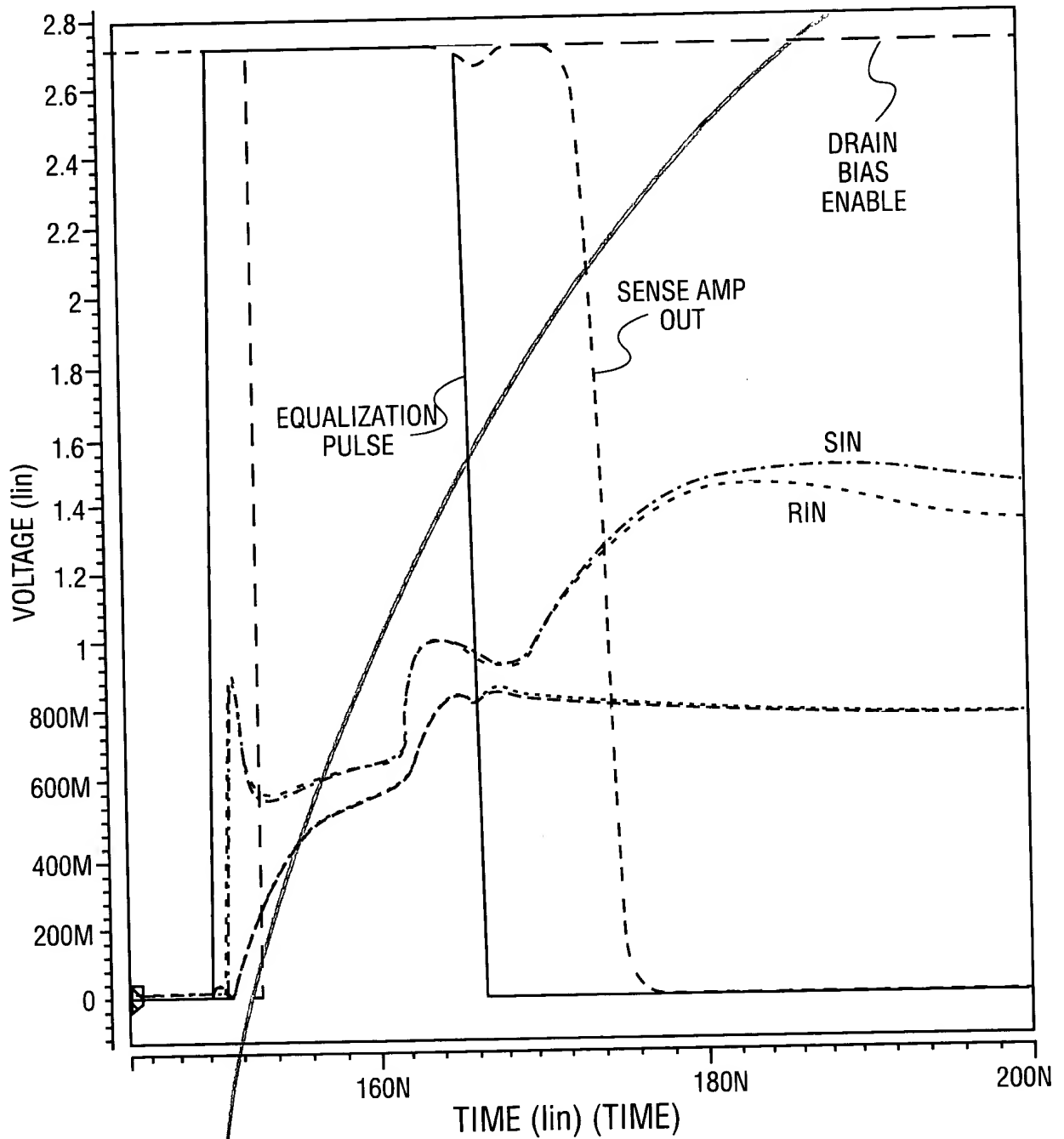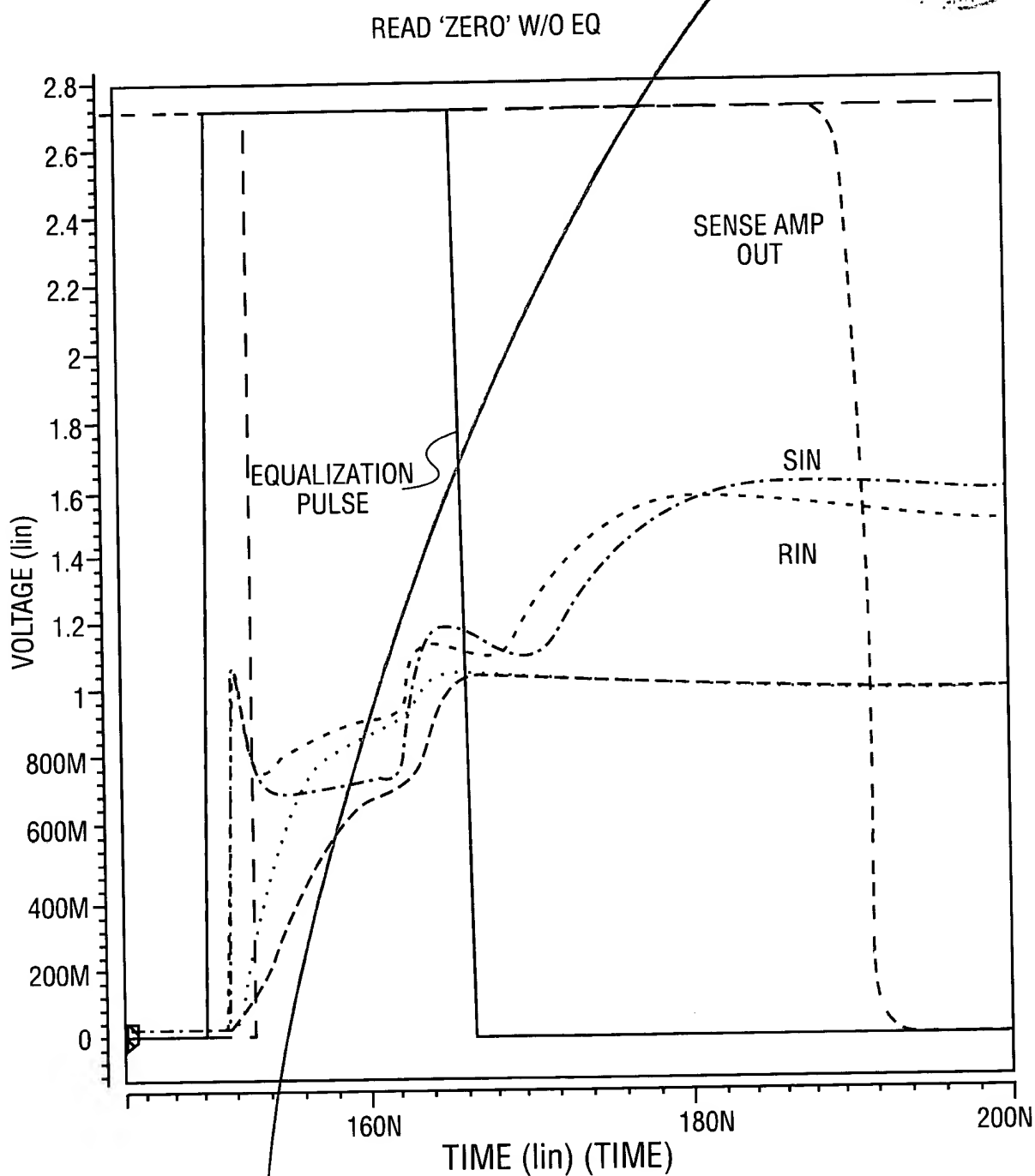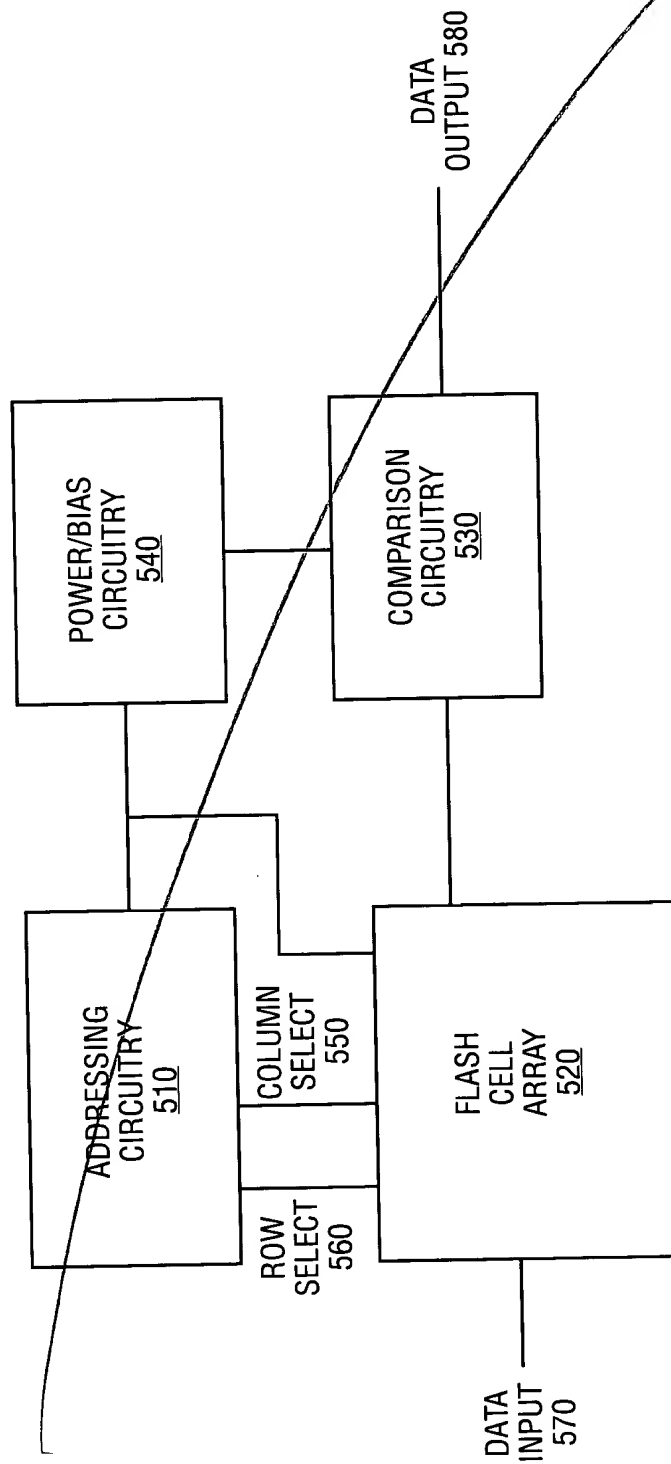


FIG. 4C

READ 'ZERO' W/O EQ



FIG. 4D

POWER/BIAS
CIRCUITRY
540

COMPARISON
CIRCUITRY
530

ADDRESSING
CIRCUITRY
510

COLUMN
SELECT
550

FLASH
CELL
ARRAY
520

ROW
SELECT
560

DATA
INPUT
570

DATA
OUTPUT 580

FIG. 5

```
        ┌──────────────────┐
        │   SELECT CELL    │
        │       610        │
        └──────────────────┘
                 │
        ┌──────────────────┐
        │      BEGIN       │
        │ EQUALIZATION PULSE│
        │       620        │
        └──────────────────┘
                 │
        ┌──────────────────┐
        │  LOAD FLASH CELL │
        │       630        │
        └──────────────────┘
                 │
        ┌──────────────────┐
        │SUPPLY CURRENT TO CELL│
        │       640        │
        └──────────────────┘
                 │
        ┌──────────────────┐
        │END EQUALIZATION PULSE│
        │       650        │
        └──────────────────┘
                 │
        ┌──────────────────┐
        │   SENSE CELL     │
        │       660        │
        └──────────────────┘
```

FIG. 6